



National Load Despatch Centre

राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPERATION CORPORATION LIMITED

पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(Government of India Enterprise/ भारत सरकार का उद्यम)

B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

बी-9, कुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 11th July 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14, गोल्फ क्लब रोड, कोलकाता - 700033
General Manager, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. महाप्रबंधक, ऊ.क्षे.भा.प्रे.के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
General Manager, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi - 110016
3. महाप्रबंधक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र, अंधेरी, मुंबई -400093
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. अपर महाप्रबंधक, द.क्षे.भा.प्रे.के.,29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009
Additional General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 10.07.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 10-जुलाई- 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके की वेबसाइट पर उपलब्ध है

As per article 5.5.1 of the Indian Electricity Grid Code, the daily report pertaining power supply position of All India Power System for the date 10 July 2017, is available at the NLDC website.

धन्यवाद,



पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

11-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	52800	41543	37413	18435	2278	152469
Peak Shortage (MW)	1332	44	0	100	244	1720
Energy Met (MU)	1212	980	851	376	38	3457
Hydro Gen(MU)	346	34	34	106	18	537
Wind Gen(MU)	44	105	152	-----	-----	302
Solar Gen (MU)*	0.39	11.63	27.00	0.56	0.00	40
Energy Shortage (MU)	10.2	0.1	0.0	0.3	2.4	13.0
Peak Shortage (MW)	56000	42623	39033	19216	2413	154474

B. Frequency Profile (%)

Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
All India	0.033	0.00	0.00	4.97	4.97	77.91	17.13

C. Power Supply Position in States

Region	States	Max. Demand Met during the day (MW)	Shortage during maximum Demand (MW)	Energy Met (MU)	Drawal Schedule (MU)	OD(+)/UD(-) (MU)	Max OD (MW)	Energy Shortage (MU)
NR	Punjab	11400	0	261.8	141.1	0.4	130	0.0
	Haryana	9024	420	196.4	138.2	1.3	271	0.2
	Rajasthan	10122	0	190.7	70.9	1.3	376	0.0
	Delhi	6110	6	122.0	97.4	0.2	264	0.2
	UP	16303	0	328.9	149.3	-0.6	281	0.0
	Uttarakhand	1752	0	37.9	9.9	1.1	226	0.0
	HP	1259	0	26.1	-0.7	3.3	301	0.1
	J&K	1971	493	41.3	14.1	4.1	659	9.7
WR	Chandigarh	351	0	6.8	7.2	-0.3	23	0.0
	Chhattisgarh	3196	0	77.6	15.0	1.1	174	0.0
	Gujarat	12237	0	268.3	43.1	-0.8	315	0.0
	MP	6862	2	155.3	79.7	-1.5	299	0.1
	Maharashtra	19913	0	436.3	138.9	4.6	469	0.0
	Goa	411	0	9.0	8.2	0.2	25	0.0
	DD	302	0	6.5	6.1	0.4	61	0.0
	DNH	723	0	16.4	16.2	0.2	37	0.0
	Essar steel	573	0	11.1	9.1	2.0	275	0.0
	Andhra Pradesh	6873	0	154	37	5	1014	0.0
SR	Telangana	7340	0	151	83	-1	342	0.0
	Karnataka	8398	0	185	96	3	724	0.0
	Kerala	3389	0	63	48	2	211	0.0
	Tamil Nadu	13734	0	291	102	3	704	0.0
	Pondy	358	0	7	8	0	25	0.0
	Bihar	3834	0	60.3	60.8	-2.1	365	0.3
ER	DVC	2828	0	65.3	-34.8	-0.5	312	0.0
	Jharkhand	1107	0	23.3	18.2	-0.8	145	0.0
	Odisha	3909	0	80.4	28.3	1.5	389	0.0
	West Bengal	7719	0	145.2	38.4	0.7	402	0.0
	Sikkim	67	0	1.0	1.4	-0.4	20	0.0
NER	Arunachal Pradesh	82	4	1.5	1.4	0.1	25	0.0
	Assam	1532	81	23.8	19.2	1.5	144	2.3
	Manipur	148	4	1.8	1.4	0.4	36	0.0
	Meghalaya	252	0	4.1	1.6	0.2	48	0.0
	Mizoram	66	4	1.2	0.6	0.5	25	0.0
	Nagaland	106	2	1.5	1.7	-0.2	20	0.0
	Tripura	237	3	4.1	2.3	0.9	90	0.0

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.5	-4.1	-14.9
Day peak (MW)	1526.8	-276.5	-652.1

E. Import/export By Regions(in MU) - Import(+ve)/Export(-ve); OD(+)/UD(-)

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	232.3	-215.0	84.2	-95.7	-3.5	2.3
Actual(MU)	219.3	-213.6	91.0	-99.1	-1.3	-3.7
O/D/U/D(MU)	-13.0	1.4	6.8	-3.4	2.2	-6.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3549	14531	2560	1160	575	22375
State Sector	9790	19480	13832	4275	110	47487
Total	13339	34011	16392	5435	684	69862

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-केन्द्र/प्रिन्सिपल/मुख्य कार्यपालक अधिकारी(पोसोक)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	11-Jul-17
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	282	0.0	9.4	-9.4	
2		SASARAM-FATEHPUR	S/C	0	110	0.0	0.0	0.0	
3	HVDC	GAYA-BALIA	S/C	0	359	0.0	5.8	-5.8	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	198	0.0	4.8	-4.8	
6		PUSAULI-VARANASI	S/C	0	176	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	50	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	836	0.0	14.6	-14.6	
9		PATNA-BALIA	Q/C	0	818	0.0	11.4	-11.4	
10		BIHARSHARIFF-BALIA	D/C	0	327	0.0	6.1	-6.1	
11		BARH-GORAKHPUR	D/C	0	468	0.0	7.9	-7.9	
12	BIHARSHARIFF-VARANASI	D/C	0	4	0.0	2.3	-2.3		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5	
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
ER-NR						0.5	62.3	-61.7	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	29	5.7	0.0	5.7	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	402	0.6	0.0	0.6	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	86	0.5	0.0	0.5	
21		JHARSUGUDA-RAIGARH	S/C	0	30	1.0	0.0	1.0	
22		IBEUL-RAIGARH	S/C	0	0	1.0	0.0	1.0	
23		STERLITE-RAIGARH	D/C	0	0	2.6	0.0	2.6	
24	220 KV	RANCHI-SIPAT	D/C	0	54	3.3	0.0	3.3	
25		BUDHIPADAR-RAIGARH	S/C	0	99	0.0	1.3	-1.3	
26		BUDHIPADAR-KORBA	D/C	0	0	3.3	0.0	3.3	
ER-WR						18.0	1.3	16.7	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.9	-15.9	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	343.7	0.0	16.0	-16.0	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2029.4	0.0	43.7	-43.7	
30	400 KV	TALCHER-1C	D/C	0.0	1185.7	0.0	22.3	-22.3	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	75.6	-75.6	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1012	0.0	8.2	-8	
33		ALIPURDUAR-BONGAIGAON	D/C	0	800	0.0	9.7	-10	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.6	-3	
ER-NER						0.0	20.5	-20.5	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1323	0.0	23.8	-23.8	
NER-NR						0.0	23.8	-23.8	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	34.3	-34.3	
37		V'CHAL B/B	D/C	400	0	9.7	0.0	9.7	
38		APL -MHG	D/C	0	2016	0.0	42.1	-42.1	
39	765 KV	GWALIOR-AGRA	D/C	0	2410	0.0	48.6	-48.6	
40		PHAGI-GWALIOR	D/C	0	1330	0.0	26.5	-26.5	
41	400 KV	ZERDA-KANKROLI	S/C	212	0	1.7	0.0	1.7	
42		ZERDA -BHINMAL	S/C	236	0	2.1	0.0	2.1	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44	220 KV	RAPP-SHUJALPUR	D/C	0	187	0	2	-2	
45		BADOD-KOTA	S/C	4	80	0.0	1.0	-1.0	
46		BADOD-MORAK	S/C	0	145	0.0	2.2	-2.2	
47		MEHGAON-AURAIYA	S/C	47	9	0.3	0.0	0.3	
48	132KV	MALANPUR-AURAIYA	S/C	23	25	0.1	0.3	-0.3	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						13.9	156.5	-142.6	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	16.8	-16.8	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1890	0.0	24.8	-24.8	
53		WARDHA-NIZAMABAD	D/C	0	851	0.0	14.4	-14.4	
54	400 KV	KOLHAPUR-KUDGI	D/C	25	277	0.0	1.8	-1.7	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	94	0	2.1	0.0	2.1	
WR-SR						2.2	57.7	-55.6	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						36.5	
59		NEPAL						-4.1	
60		BANGLADESH						-14.9	